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Docket No. ORT-14486-26-4

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Qin et al.

Serial No.: 09/875,456

Art Unit: 1653

Filed

: June 6, 2001

Examiner:

For

: THE HUMAN VOLTAGE GATED SODIUM CHANNEL BIA SUBUNIT

AND METHODS OF USE

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, Washington, D.C. 20231 on

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Myra H. McCormack
(Name of applicant, assignee, or Registered Representative)

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Commissioner for Patents Washington, D.C. 20231

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Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this

information may not be enabling for the teachings purportedly offered. This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. In accordance with §1.97(b), since this Information X Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required. In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with 

the first or second After Final Submission, therefore: Statement in Accordance with §1.97(e) (attached); or Please charge Deposit Account No. 10-0750/ the fee of \$180.00 as set forth in \$1.17(p). In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or an action that otherwise closes prosecution and that it is accompanied by one of: Statement in Accordance with §1.97(e) (attached); or

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 $\boxtimes$ Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D. Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D. Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/ORT-1448/MHM. This form is submitted in triplicate. Respectfully submitted, Myra H. McCormack Reg. No. 36,602 Attorney for Applicants Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003 (732) 524-6932 DATED: - 4 -

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Application Number	09/875,456
Filing Date	June 6, 2001
First Named Inventor	Qin
Group Art Unit	1653
Examiner Name	
Attorney Docket Number	ORT-1448

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U.S. PATENT DOCUMENTS

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Ortho-McNeil Pharmaceutical, Inc.

University of Michigan

1 Unique citation designation number, 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. s Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. e Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/875,456					
Filing Date	June 6, 2001 II;N 1	2				
First Named Inventor	Qin	′ ′				
Group Art Unit	1653					
Examiner Name	ORT-1448 TECH CENTE	<b>R</b> 1				
Attorney Docket Number	ORT-1448					

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner's	Cite No.1	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
1		MORAN, OSCAR, et al., "Endogenous expression of the B1A sodium channel subunit in HEK-293 cells," FEBS Letters (2000) Vol 473, No 2 Pages 132-134	
2		MAKITA, Naomasa et al., "Homo sapiens sodium channel beta-1 subunit (SCN1B) mRNA, complete cds.," Database EM HUM ID HSVGSC1B, AC L16242 XP-002193421 (1994)	
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		KAZEN-GILLESPIE, K.A. et al., "Rattus norvegicus voltage-gated sodium channel subunit beta1-A (SCN1B) mRNA, alternatively spliced, complete cds," Database EM RO ID AF182949, AC 182949 XP-002193422 (2000) .—	
4/		SOARES, NSF, "Homo sapiens cDNA clone," Database EM EST ID AI742310, AC AI742310 XP-002193423 (1999)	
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~		DIB-HAJJ, Sulayman D. et al., "Genes encoding the beta-1 subunit of voltage-dependent Na+ channel in rat. mouse and human contain conserved introns," FEBS Letters (1995) Vol 377, No 3 Pages 485-488 XP-002193420	
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# SUBMISSION UNDER MPEP 609 D

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Attorney Docket Number	ORT-1448

Page 1 of 1			Attorney Docket Number			ORT-1448		
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7-		PCT Search Report for PCT/US 01/183	304 dated /	April 9, 2002 —				
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